



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil

202 W Main
Salem, IL 62881

ATTN: Brad Rien

Ottley #2-16

16-14-32 Logan, Ks

Job Ticket: 040724

DST#: 1

Test Start: 2011.03.17 @ 20:40:44

GENERAL INFORMATION:

Formation: **B,C,D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:55:59

Time Test Ended: 04:45:59

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 55

Interval: 3817.00 ft (KB) To 3890.00 ft (KB) (TVD)

Reference Elevations: 2803.00 ft (KB)

Total Depth: 3890.00 ft (KB) (TVD)

2795.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6667 Inside

Press @ Run Depth: 236.06 psig @ 3818.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.17

End Date: 2011.03.18

Last Calib.: 2011.03.18

Start Time: 20:40:44

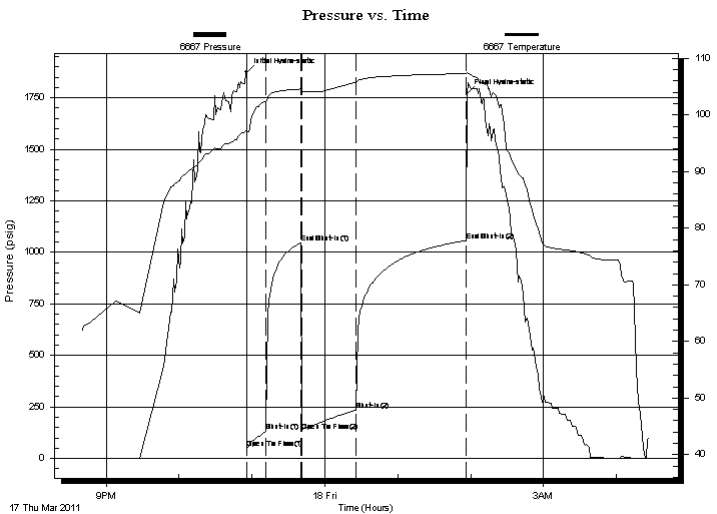
End Time: 04:27:59

Time On Btm: 2011.03.17 @ 22:55:44

Time Off Btm: 2011.03.18 @ 01:56:59

TEST COMMENT: B.O.B. in 7 min
No return
B.O.B. in 7 min
2" in return blow

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1872.87 | 97.25 | Initial Hydro-static |
| 1 | 47.26 | 96.94 | Open To Flow (1) |
| 16 | 132.36 | 102.40 | Shut-In(1) |
| 45 | 1046.82 | 104.56 | End Shut-In(1) |
| 45 | 134.64 | 104.27 | Open To Flow (2) |
| 90 | 236.06 | 105.79 | Shut-In(2) |
| 181 | 1057.46 | 107.30 | End Shut-In(2) |
| 182 | 1772.10 | 107.42 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------------|--------------|
| 120.00 | g w & mc o 10g 20w 25m 45o | 0.59 |
| 300.00 | g w & mc o 10g 15w 25m 50o | 4.20 |
| 130.00 | s g o c m 3g 22o 75m | 1.82 |
| 0.00 | 110' weak gas in pipe | 0.00 |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
| | | | |



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FLUID SUMMARY

Shakespeare Oil

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202 W Main
Salem, IL 62881

16-14-32 Logan, Ks

Job Ticket: 040724

DST#: 1

ATTN: Brad Rien

Test Start: 2011.03.17 @ 20:40:44

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | 0 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | 0 ppm |
| Viscosity: 55.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 6.40 in ³ | Gas Cushion Type: | | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 1200.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-----------------------------|---------------|
| 120.00 | g w & m c o 10g 20w 25m 45o | 0.590 |
| 300.00 | g w & m c o 10g 15w 25m 50o | 4.199 |
| 130.00 | s g o c m 3g 22o 75m | 1.824 |
| 0.00 | 110' weak gas in pipe | 0.000 |

Total Length: 550.00 ft Total Volume: 6.613 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

